Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

 We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

The exercises are new and are carefully graded. Numerous illustrative examples are worked out and accompanied by helpful suggestions. The Derivative is presented vigorously as a limit. The treatment throughout the book is simple, clear, practical, and thoroughly rigorous, and in the hands of a live instructor will accomplish great good.

B. F. F.

The School Vistior An Elemenary Monthly Journal, Devoted to Difficult Work in Common School Studies. Price, $1.00 per year in advance. Published bp John S. Royer & Sons, Columbus, O.

The School Visitor was started in 1880, by Professor Royer, and its publication continued for 15 years, at the end of which time, owing to the nervous strain it caused and the tax it levied on the vital force of its editor, it was discontinued until 1900.

It is now appearing with all the vigor of its earlier days, and we trust that it may long continue to cultivate the minds and gladden the hearts of thousands of teachers who avail themselves of its influence.

The School Visitor is the most practical and stimulating periodical that the ordinary teacher can read. During the first year of its publication, it received contributions in mathematics from Prof. E. B. Seitz, Dr. Artemas Martin, Prof. Henry Gunder, and Dr. William Hoover, and the contributions of these gentlemen were sources of inspiration at that time to the writer. The *Visitor* in its mathematical department has at present the support of our valued contributor, Dr. G. B. M. Zerr, who solves every difficult problem that appears in it.

B. F. F.

The American Journal of Mathematics. Edited by Frank Morley and others. Published quarterly, under the auspices of Johns Hopkins University. Price, $5.00 per year.

The October number contains the following articles: On systems of Linear Differential Equations of the First Order, by Maxime Bocher; On the Quarternary Linear Homogenious Group and the Ternary Fractional Group, by T. M. Putnam; On Cardinal Numbers by A. N. Whitehead; On a Method of Constructing all the Groups of Order p^m, by G. A. Miller; Non-Euclidean Properties of Plane Cubics and of their First and Second Polars, by Henry Freeman Stecker.

B. F. F.

Annals of Mathematics. Published quarterly, under the auspices of Harvard University. Price, $2.00 per year in advance..

The October number cantains the following articles: The Geodesic Lines on an Anchor Ring, by Dr. G. A. Bliss; Proof of a Theorem concerning Isosceles Triangles, by Prof. H. F. Blichfeldt; An Elementary Exposition of Frobenius's Theory of Group-Characters and Group-Determinants, by Dr. L. E. Dickson; Communication concerning Mr. Ransom's Mechanical Construction of Conics, by Dr. E. V. Huntington.

B. F. F.

Periodicals Received: *The American Monthly Review of Reviews; The Literary Digest; Popular Astronomy*, November Number; *Monthly Weather Review; Scientific American; Mathematical Gazette; The Mathematical Messenger; The University Herald; The Ohio Educational Monthly; The Onio Teacher; Le Matematiche; Periodico di Matematica; School Science; The School Visitor; The Open Court.*

ERRATA.

Page 247, middle, in η_6' the term $+\rho_2\eta_5$ is omitted.

In solution of problem 112, Miscellaneous, "$A-C+B-D$" should read $A-C-B+D$, and the corresponding corrections throughout.